

WHAT IS CLAIMED IS:

1. A focal plane shutter comprising: a shutter blade capable of blocking a light; a blade dowel attached to the shutter blade; and a blade arm which is slidably engaged with the blade dowel to open or close the shutter blade,

wherein a surface hardness of said blade dowel is higher than a surface hardness of said blade arm,

the surface hardness of said blade arm is in the range of Hv300 to 900, and the surface hardness of said blade dowel is in the range of Hv450 to 1000,

said blade arm and said blade dowel are subjected to chemical polishing treatment,

said blade dowel is plated with nickel, chromium, palladium or rhodium, and

a material of said blade dowel is a free-cutting stainless steel or a carbon tool steel, and a material of said blade arm is a carbon tool steel.

2. A focal plane shutter comprising: a shutter blade capable of blocking a light; a blade dowel attached to the shutter blade; and a blade arm which is slidably engaged with the blade dowel to open or close the shutter blade,

wherein a surface hardness of said blade dowel is higher than a surface hardness of said blade arm,

the surface hardness of said blade arm is in the range of Hv300 to 900, and the surface hardness of said

blade dowel is in the range of Hv450 to 1000,

said blade arm and said blade dowel are subjected to chemical polishing treatment,

said blade dowel is plated with nickel, chromium, palladium or rhodium, and

a material of said blade dowel is a free-cutting stainless steel or a carbon tool steel, and a material of said blade arm is a titanium material.